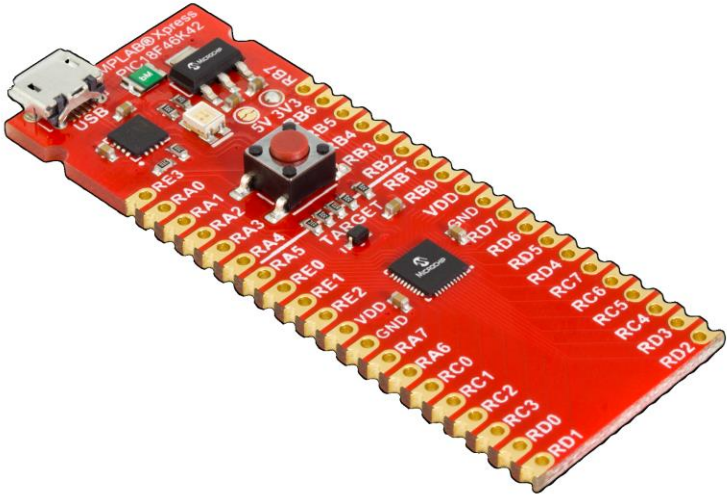# DM182026 - MPLAB(R) Xpress PIC18F46K42 Evaluation Board

Part Number: DM182026

Product Overview:

Xpress Your Creativity

Brilliant ideas are fleeting. As soon as they are recognized, they must be captured quickly, and made real with the highest possible urgency. In embedded design, the creative process is often blunted by the massive array of choices required to simply begin the development cycle. The tasks of selecting a target MCU, finding the appropriate tool chain, and setting everything up on your PC can keep your best ideas from becoming great products. The MPLAB Xpress PIC18F47K42 Evaluation Board (DM182026) was designed with a single objective – to help your ideas take the shortest journey from imagination to reality.

Crafted for Cloud-Based Development

The MPLAB Xpress PIC18F47K42 Evaluation board offers seamless integration with our software tool chain, including the MPLAB Xpress cloud-based IDE. MPLAB Xpress is an online development environment that contains the most popular features of our award-winning MPLAB X IDE. This simplified & distilled application is a faithful reproduction of our desktop-based program, which allows users to easily transition between the two environments.

On-Board Application Processor

PIC18 (L) FxxK42 MCUs integrate a rich set of core independent peripherals, intelligent analog peripherals and large Flash/RAM/EEPROM memories. These 28-, 40- and 48-pin devices also offer a host of low power features, performance improvements and design flexibility options that easily and rapidly enable the complex set of functions required by many of today's embedded control applications.

Drag-and-Drop Programming

Programming the MPLAB Xpress PIC18F47K42 Evaluation Board is quick and easy. We've integrated a unique drag-and-drop programmer for compatibility with almost any USB-connected PC, laptop, or tablet. The MPLAB Xpress Evaluation board connects to your PC as a USB Flash drive, so no drivers are needed. Programming of the target device is completed in microseconds, with no waiting.

Features:-

- Integrates seamlessly with MPLAB Xpress cloud-based IDE and MPLAB Code Configurator for the quickest development cycle.
- On-Board PIC18F47K42 MCU Application Processor.
- Integrated Drag-and-Drop Programmer with USB Interface- no drivers required!.
- Compact footprint offers flexibility during prototyping phase.
- Visit our MPLAB Xpress Cloud-based IDE homepage to Login and for all other relevant information.

Package Contents:-

MPLAB Xpress PIC18F47K40 Evaluation Board